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AUTOMATIC COUNTERS

1982

Prepared by the

State of Montana Department of Highways

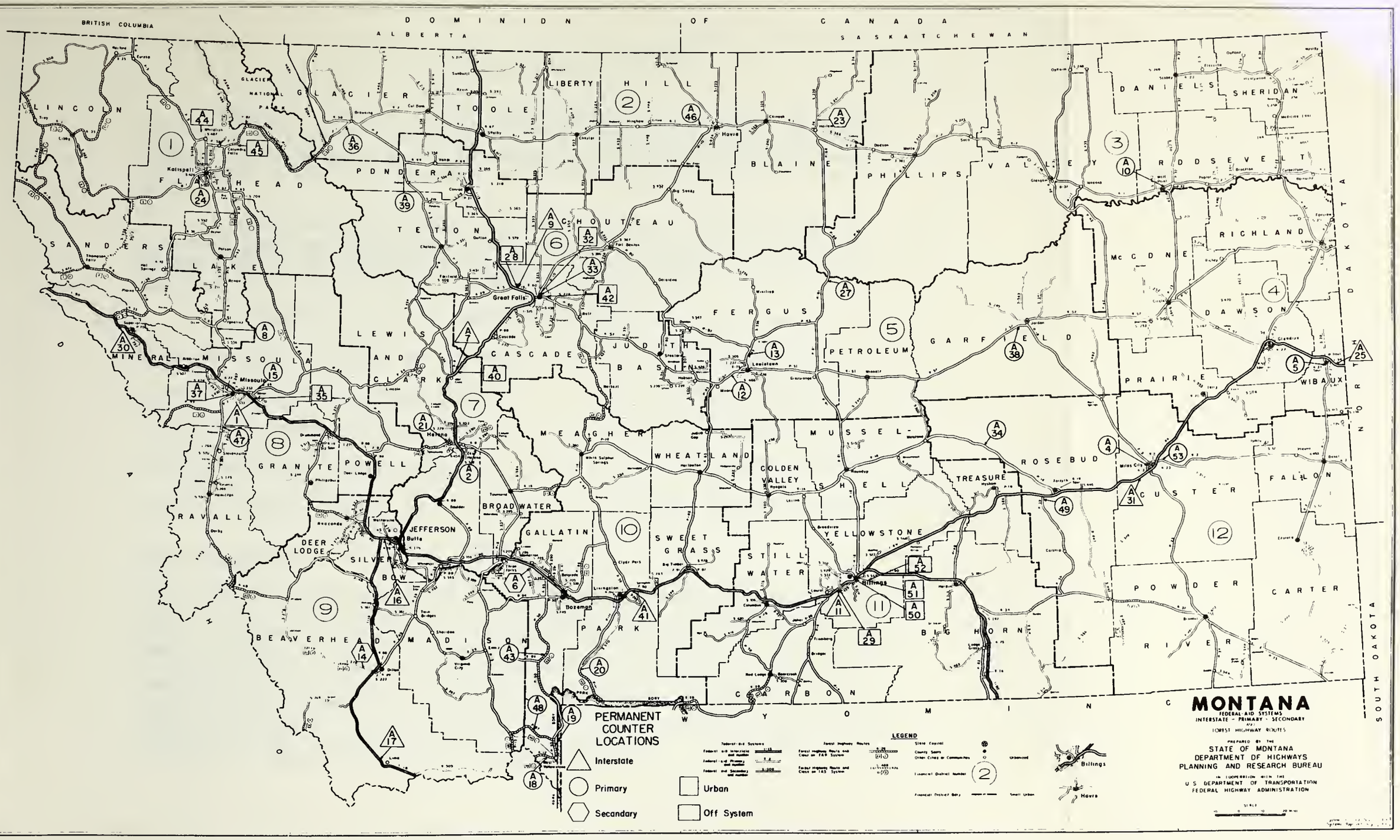
Planning and Statistics Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS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Alberton
Paradise
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Trout Creek
Heron
Noxon
Libby
Troy
Eureka
Rexford
Whitefish
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Kalispell
Bigfork
Lakeside
Somers

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INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1982. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 49 automatic traffic counters were in operation during 1982.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that accured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous eleven years and 1941 and 1961 as to stability and accuracy.

The 49 counters are distributed to the Highway System as follows:

10 on Interstate Principal Arterial Rural	3 on FAU Minor Arterial
14 on Primary Principal Arterial Rural	4 on FAS Major Collector
3 on Primary Principal Arterial Urban	1 on Off System Collector Urban
8 on Primary Minor Arterial Rural	4 on Off System Major Collector Rural
1 on FAU Principal Arterial	1 on Off System Minor Collector Rural

30TH. MAXIMUM HOUR

The American Association of Highway officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1 YEAR 1982

LOCATION I-90, 10.0 miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.2 % Foreign Pass Cars 11.8 % Pickups 22.4 % Commercial 23.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2696	2620	2591	2798	2948	2615	2832	2727	2710	100.63	53.57
February	3348	3160	2858	3088	3357	3807	3295	3273	3254	100.58	64.29
March	4314	3575	3640	3762	4121	4489	4086	3965	3884	102.09	77.88
April	4565	4144	4015	4082	4354	5142	4513	4425	4384	100.94	86.92
May	5216	5077	4645	4801	5067	6127	5384	5192	5140	101.01	101.99
June	7223	6562	6458	6534	6729	7539	7211	6867	6740	101.90	134.89
July	7376	7818	7532	7689	7956	8733	7801	7874	7982	98.65	154.67
August	8073	7293	7171	7456	7807	8545	7917	7728	7616	101.47	151.80
September	6269	6090	5688	5870	6026	7262	6614	6239	6165	101.20	122.55
October	5136	4672	4486	4544	4898	5979	5361	5057	4966	101.83	99.34
November	4762	3715	3936	4641	4042	4574	4101	4224	4149	101.81	82.97
December	3369	3183	3404	3564	3761	3854	3345	3519	3576	98.41	69.13
Daily average for year	5196	4826	4702	4902	5089	5722	5205	5091	5047	100.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1
Functional Class Principal Arterial

Route I-90, East of Missoula
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980	4840	691	14.3	636	13.1	612	12.6	604	12.5	596	12.3	589	12.2
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4	630	12.3	628	12.2
1982	5091	767	15.1	712	14.0	677	13.3	663	13.0	648	12.7	641	12.6

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2
Functional Class Principal Arterial

Route U.S. 12, East of East Helena
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978	New Alignment												
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980	2574	432	16.8	375	14.6	355	13.8	345	13.4	336	13.1	331	12.9
1981	2803	477	17.0	405	14.4	390	13.9	379	13.5	373	13.3	367	13.1
1982	2879	455	15.8	429	14.9	405	14.1	393	13.7	387	13.4	385	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1982

LOCATION U.S. 12, 6.0 miles East of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.1 % Foreign Pass Cars 4.9 % Pickups 26.4 % Commercial 13.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1908	1780	1552	1623	1755	1777	1803	1751	1701	102.94	60.81
February	2502	2051	1749	1856	2069	2636	2304	2167	2072	104.58	75.25
March	2658	2095	2024	2056	2184	2715	2557	2301	2194	104.88	79.91
April	3083	2420	2317	2295	2426	3287	2828	2678	2577	103.92	93.00
May	3496	3022	2495	2507	2804	3691	3222	3054	2909	104.98	106.06
June	4113	3274	3097	3196	3289	4288	4106	3591	3403	105.52	124.71
July	4347	4048	3598	3578	3691	4499	3975	3971	3902	101.77	137.90
August	4493	3613	3396	3528	3660	4582	4097	3902	3733	104.53	135.51
September	3520	3326	2823	2969	2995	3990	3681	3306	3199	103.34	114.81
October	3114	2866	2567	2692	2811	3724	3197	3030	2970	102.03	105.22
November	3016	2382	2440	2745	2466	3035	2658	2660	2595	102.50	92.37
December	2029	2066	2048	2056	2213	2501	2014	2144	2187	98.03	74.45
Daily average for year	3190	2745	2509	2592	2697	3394	3037	2879	2870	100.31	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5
LOCATION Montana 7, 1.0 mile South of Wibaux

YEAR 1982

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.6 % Foreign Pass Cars 6.3 % Pickups 42.6 % Commercial 24.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	419	575	601	569	565	485	489	523	555	94.23	
February	571	570	577	618	607	668	559	595	608	97.86	
March	579	622	585	631	604	572	623	603	604	99.83	
April	639	682	734	746	698	705	714	702	712	98.60	
May	709	725	766	780	759	801	751	753	764	98.56	
June	874	855	804	778	729	852	800	811	802	101.12	
July	814	788	787	824	774	840	787	802	803	99.88	
August	1113	848	760	820	852	994	1005	913	850	107.41	
September	Out due to construction 16 - 30										
October	" "	"	"								
November	" "	"	"								
December	Out due to construction										
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5
Functional Class Minor Arterial

Route Montana 7, South of Wibaux
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980	685	230	33.6	169	24.7	148	21.6	137	20.0	120	17.5	112	16.4
1981	863	255	29.5	181	21.0	145	16.8	125	14.5	114	13.2	108	12.5
1982	Out due to construction												

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6
Functional Class Major Collector

Route FAS 288, South of Manhattan
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980	513	92	17.9	70	13.6	63	12.3	61	11.9	60	11.7	59	11.5
1981	496	105	21.2	73	14.7	66	13.3	63	12.7	61	12.3	59	11.9
1982	505	92	18.2	78	15.4	69	13.7	65	12.9	63	12.5	61	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1982

LOCATION FAS 288, 0.5 miles South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	329	403	389	394	420	416	416	394	405	97.28	78.06
February	397	456	418	475	499	469	425	448	463	96.76	88.76
March	443	504	540	503	528	501	457	498	515	96.70	98.66
April	405	605	592	574	600	585	533	559	591	94.59	110.75
May	472	652	567	593	608	607	539	575	608	94.57	113.92
June	452	558	567	575	590	578	513	549	573	95.81	108.77
July	430	553	555	549	548	584	507	534	558	95.70	105.80
August	438	583	562	526	563	552	515	533	559	95.35	105.59
September	380	515	549	542	547	619	568	532	554	96.03	105.40
October	393	535	558	574	561	559	519	525	557	94.25	104.01
November	367	487	509	504	452	489	439	466	489	95.30	92.32
December	369	437	444	454	458	490	442	444	458	96.94	87.96
Daily average for year	406	524	520	522	531	537	489	505	528	95.64	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7 YEAR 1982

LOCATION I-15, 2.0 miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 43.5 % Foreign Pass Cars 9.5 % Pickups 29.9 % Commercial 17.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1501	1309	1251	1344	1389	1396	1411	1378	1341	102.76	63.41
February	1830	1590	1384	1527	1630	2043	1807	1687	1634	103.24	77.63
March	2204	1620	1595	1679	1762	2118	2087	1844	1738	106.10	84.85
April	2517	1888	1804	1753	2018	2646	2251	2139	2050	104.34	98.42
May	2702	2116	1792	1903	1970	2645	2336	2226	2086	106.71	102.43
June	3174	2339	2209	2309	2321	3054	2951	2598	2429	106.96	119.54
July	3276	2970	2628	2600	2677	3318	3075	2943	2853	103.15	135.42
August	3515	2725	2604	2718	2755	3353	3071	2961	2816	105.15	136.25
September	2693	2463	2054	2091	2136	3038	2688	2429	2334	104.07	111.77
October	2336	1958	1881	1915	2095	2714	2312	2200	2141	102.76	101.23
November	2363	1668	1766	2179	1810	2381	1945	1996	1939	102.94	91.84
December	1779	1550	1514	1610	1699	1909	1641	1678	1667	100.66	77.21
Daily average for year	2491	2016	1874	1969	2022	2551	2298	2173	2086	104.17	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7
Functional Class Principal Arterial

Route I-15, North of Wolf Creek
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975	Counter out due to mechanical failure												
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980	2048	406	19.8	318	15.5	290	14.2	273	13.3	268	13.1	266	13.0
1981	2169	434	20.0	333	15.4	304	14.0	297	13.7	290	13.4	285	13.1
1982	2173	433	19.9	351	16.2	321	14.8	315	14.5	308	14.2	297	13.7

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8
Functional Class Principal Arterial

Route U.S. 93, South of Ravalli
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980	3869	678	17.5	574	14.8	548	14.2	514	13.3	508	13.1	499	12.9
1981	3932	638	16.2	553	14.1	529	13.5	515	13.1	510	13.0	502	12.8
1982	3913	774	19.8	592	15.1	564	14.4	540	13.8	526	13.4	518	13.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1982

LOCATION U.S. 93, 0.5 miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 48.6 % Foreign Pass Cars 6.3 % Pickups 29.3 % Commercial 15.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1832	2156	2284	2315	2463	2360	2081	2201	2318	94.95	56.25
February	2472	2621	2657	2608	2904	3220	2760	2749	2802	98.11	70.25
March	3107	2920	3010	3112	3423	3738	3529	3238	3211	100.84	82.75
April	3332	3395	3353	3405	3689	4188	3590	3589	3636	98.71	91.72
May	4124	3826	3498	3633	3938	4610	4272	3994	3897	102.49	102.07
June	5044	4667	4569	4604	4725	5496	4827	4830	4791	100.81	123.43
July	6191	6136	5390	5437	5673	6713	6294	6000	5899	101.71	153.33
August	6255	5546	5269	5478	5655	6483	5798	5775	5661	102.01	147.58
September	4209	4509	4202	4117	4331	5385	4650	4469	4483	99.69	114.21
October	3653	3601	3556	3587	3843	4607	4134	3881	3875	100.15	99.18
November	3063	3124	3180	3574	3308	3743	3248	3309	3365	98.34	84.56
December	2598	2561	2717	2942	3244	3310	2902	2922	2982	97.99	74.67
Daily average for year	3823	3755	3640	3734	3933	4488	4007	3913	3910	100.08	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1982

LOCATION I-15, 7.0 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.8 % Foreign Pass Cars 6.7 % Pickups 29.4 % Commercial 13.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2861	3583	3625	3734	4035	3819	3663	3601	3762	95.72	69.32
February	3845	3696	3734	3822	4086	4460	4003	3949	3959	99.75	76.02
March	4268	4371	4284	4280	4613	4928	4757	4482	4471	100.25	86.28
April	4566	4967	4800	4464	5202	5943	4956	5024	5120	98.13	96.71
May	5073	5264	5026	5019	5378	6067	5138	5269	5346	98.56	101.43
June	6236	6141	5873	5885	6021	6870	6111	6144	6133	100.18	118.27
July	5735	6642	6361	6562	6697	7602	6496	6618	6807	97.22	127.40
August	6572	6700	6401	6534	6816	7357	6467	6679	6742	99.07	128.57
September	5183	5645	5310	5376	5706	6739	6049	5704	5736	99.44	109.80
October	4763	5197	5001	5127	5442	6215	5594	5353	5435	98.49	103.05
November	4506	4779	4644	5157	4490	5665	4815	4855	4926	98.56	93.46
December	4052	4604	4432	4696	4920	5055	4678	4659	4761	97.86	89.69
Daily average for year	4805	5132	4958	5055	5284	5893	5227	5195	5267	98.63	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9
Functional Class Principal Arterial

Route I-15, West of Great Falls
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978	Counter temporarily removed												
1979	Counter back in operation May 25, 1979												
1980	5074	707	13.9	613	12.1	589	11.6	575	11.3	558	11.0	551	10.9
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8	555	10.7	547	10.5
1982	5195	730	14.1	629	12.1	600	11.6	583	11.2	572	11.0	563	10.8

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10
Functional Class ~~Principal Arterial~~

Route U.S. 2, East of Wolf Point
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980	2114	256	12.1	236	11.2	229	10.8	223	10.5	221	10.4	216	10.2
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0	267	10.8	261	10.6
1982	2257	292	12.9	267	11.8	261	11.6	258	11.4	256	11.3	251	11.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1982

LOCATION U.S. 2, 2.0 miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.5 % Foreign Pass Cars 7.5 % Pickups 39.7 % Commercial 11.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	898	1715	1712	1722	1850	1457	1363	1503	1680	89.46	66.60
February	1204	1671	1696	1877	1955	2076	1623	1729	1855	93.21	76.61
March	1427	2011	1950	2081	2145	2052	1818	1935	2043	94.71	85.74
April	1349	2256	2273	2382	2364	2521	1961	2177	2367	91.97	96.46
May	1603	2241	2436	2583	2573	2754	2142	2300	2504	91.85	101.91
June	2274	2838	2817	2847	2982	3182	2694	2807	2924	96.00	124.38
July	2258	2773	2953	2975	3179	3262	2587	2870	3046	94.22	127.17
August	2073	2947	2900	3023	3005	3147	2402	2771	2997	92.46	122.78
September	1795	2393	2578	2649	2721	3021	2421	2524	2676	94.32	111.84
October	1541	2302	2353	2421	2471	2701	2143	2262	2462	91.88	100.23
November	1553	2334	2339	2512	2064	2530	2046	2206	2354	93.71	97.75
December	1399	2051	2155	2221	2172	2107	1753	1998	2144	93.19	88.53
Daily average for year	1615	2294	2347	2441	2457	2568	2079	2257	2421	93.23	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1982

LOCATION I-90, 6.0 miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.3 % Foreign Pass Cars 9.4 % Pickups 25.0 % Commercial 15.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	7358	8831	8265	8548	8586	8638	8242	8326	8577	97.07	73.48
February	9171	8819	8321	8832	9210	10896	10097	9335	9216	101.29	82.38
March	9773	9622	9216	9351	9812	10733	10431	9804	9701	101.06	86.52
April	9678	10302	10089	9979	10498	12159	10746	10549	10671	98.86	93.10
May	10898	11269	10780	10917	11171	13199	11613	11393	11458	99.43	100.55
June	13346	13113	12688	12933	12805	14646	13935	13316	13199	100.89	117.51
July	14334	13934	13300	13681	13940	15752	14317	14227	14187	100.28	125.55
August	14694	13679	13361	13909	13958	15755	14931	14286	14076	101.49	126.07
September	12383	12409	11663	12090	12218	14669	13687	12693	12568	100.99	112.02
October	10762	10973	10687	11041	11469	13280	11520	11435	11575	98.79	100.92
November	9797	10220	10210	11031	10064	11760	10421	10481	10617	98.72	92.50
December	9224	10058	9882	10108	10367	10995	10009	10130	10309	98.26	89.40
Daily average for year	10952	11102	10705	11035	11175	12704	11662	11331	11346	99.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11
Functional Class Principal Arterial

Route I-90, West of Billings
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961	Under construction												
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980	10367	1242	12.0	1140	11.0	1088	10.5	1062	10.2	1040	10.0	1018	9.8
1981	10948	1291	11.8	1185	10.8	1143	10.4	1117	10.2	1095	10.0	1081	9.9
1982	11331	1368	12.1	1232	10.9	1201	10.6	1174	10.4	1153	10.2	1137	10.0

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12
Functional Class Principal Arterial

Route U.S. 87 & Mont. 200, West of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980	1648	264	16.0	211	12.8	201	12.2	194	11.8	190	11.5	187	11.3
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7	195	11.5	191	11.2
1982	1655	245	14.8	214	12.9	204	12.3	199	12.0	196	11.8	193	11.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1982

LOCATION U.S. 87 & Mont. 200, 6.0 miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.6 % Foreign Pass Cars 5.3 % Pickups 36.1 % Commercial 14.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	853	1083	1074	1197	1194	1085	887	1042	1125	92.62	62.94
February	1133	1104	1124	1203	1377	1505	1158	1229	1262	97.39	74.24
March	1262	1383	1339	1277	1350	1383	1166	1311	1345	97.47	79.19
April	1380	1698	1715	1690	1685	2081	1510	1686	1773	95.09	101.85
May	1583	1757	1729	1710	1830	1986	1340	1691	1800	93.94	102.15
June	2051	2054	1948	1975	2062	2403	1882	2047	2077	98.56	123.65
July	2205	2148	2082	2113	2148	2598	2093	2206	2232	98.84	133.26
August	2061	2017	1926	2046	2090	2438	2042	2080	2091	99.47	125.65
September	1737	1865	1791	1788	1839	2321	1882	1884	1911	98.59	113.81
October	1652	1746	1751	1714	1829	2128	1804	1809	1848	97.89	109.28
November	1482	1572	1576	1708	1557	1864	1568	1615	1648	98.00	97.56
December	1081	1270	1238	1245	1274	1469	1230	1265	1303	97.08	76.42
Daily average for year	1540	1641	1608	1639	1686	1938	1547	1655	1701	97.30	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1982

LOCATION U.S. 191, 7.0 miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 46.1 % Foreign Pass Cars 1.8 % Pickups 40.8 % Commercial 11.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	605	793	791	813	827	733	641	735	789	93.16	64.44
February	824	789	837	932	959	1046	868	893	913	97.81	78.29
March	846	975	955	842	899	897	818	893	915	97.60	78.29
April	927	1144	1130	991	1091	1227	969	1074	1120	95.89	94.16
May	1144	1137	1206	1190	1226	1264	1159	1185	1201	98.67	103.90
June	1352	1293	1309	1256	1330	1509	1387	1343	1334	100.67	117.75
July	1424	1353	1510	1465	1507	1498	1516	1471	1470	100.07	128.97
August	1394	1331	1273	1316	1303	1459	1402	1352	1333	101.43	118.54
September	1213	1234	1243	1137	1203	1429	1408	1260	1242	101.45	110.47
October	1345	1229	1255	1187	1314	1341	1322	1290	1269	101.65	113.10
November	1137	1213	1229	1252	1245	1360	1301	1246	1256	99.20	109.24
December	847	1012	938	907	921	1061	914	945	967	97.72	82.85
Daily average for year	1088	1125	1140	1107	1152	1265	1142	1141	1151	99.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13
Functional Class Minor Arterial

Route U.S. 191, North of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980	1209	163	13.5	150	12.4	144	11.9	141	11.7	138	11.4	135	11.2
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2	135	11.0	132	10.8
1982	1141	174	15.3	144	12.6	138	12.1	135	11.8	132	11.6	129	11.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14
Functional Class Major Collector

Route FAS 278, Southwest of Dillon
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980	566	137	24.2	98	17.3	89	15.7	81	14.3	79	13.9	75	13.2
1981	435	144	33.1	87	20.0	73	16.8	66	15.2	64	14.7	61	14.0
1982	422	120	28.4	72	17.1	69	16.4	66	15.6	62	14.7	61	14.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1982

LOCATION FAS 278, 7.0 miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.9 % Foreign Pass Cars 1.3 % Pickups 45.6 % Commercial 12.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	447	265	241	271	302	319	343	318	281	113.17	75.24
February	456	310	296	265	318	316	375	333	301	110.63	78.78
March	432	291	268	270	304	312	386	319	287	111.15	75.47
April	307	304	299	277	300	348	315	308	307	100.33	72.87
May	403	416	379	393	394	411	400	400	399	100.25	94.64
June	561	466	458	473	501	514	531	498	481	103.53	117.82
July	815	575	519	542	565	595	619	603	561	107.49	142.67
August	671	526	512	523	524	530	587	555	523	106.12	131.31
September	590	466	426	456	464	549	575	501	471	106.37	118.53
October	569	437	439	423	428	495	523	479	447	107.16	113.33
November	419	380	407	421	439	459	437	421	419	100.48	99.61
December	407	311	320	331	330	349	311	337	329	102.43	79.73
Daily average for year	506	396	380	387	406	433	450	422	401	105.24	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1982

LOCATION Montana 200, 4.0 miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.6 % Foreign Pass Cars 3.4 % Pickups 33.0 % Commercial 13.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1040	1253	1286	1381	1418	1116	1025	1202	1282	93.76	55.08
February	1293	1448	1359	1363	1420	1552	1259	1385	1428	96.99	63.46
March	1575	1500	1457	1446	1556	1663	1527	1526	1517	100.59	69.92
April	1782	1724	1597	1564	1710	2033	1706	1740	1739	100.06	79.73
May	2853	2401	1975	2031	2208	2579	2508	2386	2246	106.23	109.33
June	3375	2664	2532	2558	2754	3045	3138	2845	2695	105.57	130.36
July	3984	3313	3013	2914	3046	3677	3803	3404	3208	106.11	155.97
August	3955	3066	2884	2998	3186	3658	3554	3326	3142	105.86	152.40
September	3004	2788	2351	2502	2625	3054	2839	2726	2655	102.67	124.91
October	2649	2406	2365	2386	2539	2906	2668	2577	2539	101.50	118.08
November	2281	2016	1963	2253	2030	2452	2130	2149	2129	100.94	98.47
December	1266	1558	1502	1614	1672	1667	1268	1520	1609	94.47	69.65
Daily average for year	2421	2178	2024	2084	2180	2450	2285	2232	2182	102.29	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15
Functional Class Principal Arterial

Route Montana 200, Northeast of Bonner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980	2405	516	21.5	416	17.3	386	16.0	363	15.1	349	14.5	340	14.1
1981	2392	505	21.1	401	16.8	376	15.7	363	15.2	350	14.6	341	14.3
1982	2232	446	20.0	381	17.1	364	16.3	349	15.6	335	15.0	328	14.7

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16
Functional Class Principal Arterial

Route I-90 & I-15, West of Butte
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980	8303	1035	12.5	944	11.4	909	10.9	896	10.8	879	10.6	872	10.5
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9	926	10.8	914	10.7
1982	8376	1110	13.3	1018	12.2	989	11.8	975	11.6	960	11.5	949	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1982

LOCATION I-90, 3.0 miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.9 % Foreign Pass Cars 4.8 % Pickups 25.1 % Commercial 15.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5135	5357	5604	5614	5672	5636	5521	5498	5579	98.55	65.64
February	6316	5875	5673	5950	6253	7025	6596	6241	6155	101.40	74.51
March	6960	6453	6650	6792	7062	7524	7448	6950	6862	101.28	82.98
April	7403	7009	7201	7155	7479	8784	8205	7598	7523	101.00	90.71
May	8349	8235	8026	8096	8306	9354	8849	8461	8396	100.77	101.01
June	10721	10082	10028	10317	10271	11519	11115	10552	10419	101.28	125.98
July	11521	11676	11620	11872	12000	12990	12061	12000	12074	99.39	143.27
August	11605	10994	10771	11594	11608	12433	11611	11479	11426	100.46	137.05
September	9191	8904	8963	9353	9527	10416	10509	9544	9433	101.18	113.95
October	7734	7469	7747	8182	8390	9272	8622	8235	8262	99.67	98.32
November	7240	6906	7270	7913	7218	8213	7550	7447	7466	99.75	88.91
December	5868	6239	6651	6593	6782	6858	6376	6506	6640	97.98	77.67
Daily average for year	8170	7933	8017	8286	8381	9169	8705	8376	8353	100.28	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1982

LOCATION I-15, 3.5 miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 33.3 % Foreign Pass Cars 16.0 % Pickups 25.2 % Commercial 25.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	915	840	930	917	883	903	957	908	895	101.45	70.94
February	918	918	923	964	997	1063	1036	974	973	100.10	76.09
March	1210	1007	1065	1126	1070	1189	1181	1116	1088	102.57	87.19
April	1194	1215	1188	1279	1320	1524	1381	1308	1316	99.39	102.19
May	1245	1261	1171	1196	1269	1503	1342	1284	1279	100.39	100.31
June	1682	1450	1403	1474	1494	1727	1666	1548	1503	102.99	120.94
July	1689	1777	1649	1657	1768	1976	1856	1777	1775	100.11	138.83
August	1837	1638	1598	1663	1754	1866	1798	1732	1696	102.12	135.31
September	1383	1437	1347	1327	1345	1610	1462	1410	1406	100.28	110.15
October	1243	1161	1165	1155	1253	1395	1224	1234	1234	100.00	96.41
November	1244	1032	1060	1294	1080	1106	1077	1122	1108	101.26	87.66
December	927	844	1039	991	1035	917	848	947	967	97.93	73.98
Daily average for year	1291	1215	1212	1254	1272	1398	1319	1280	1270	100.79	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17
Functional Class Principal Arterial

Route I-15, North of Lima
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980	1156	196	17.0	162	14.0	153	13.2	145	12.5	141	12.2	140	12.1
1981	1251	187	14.9	171	13.7	162	12.9	157	12.5	154	12.3	152	12.2
1982	1280	209	16.3	178	13.9	167	13.0	163	12.7	160	12.5	157	12.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18
Functional Class Principal Arterial

Route U.S. 20 & 191, West of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980	1468	423	28.8	335	22.8	319	21.7	311	21.2	305	20.8	298	20.3
1981	1618	421	26.0	360	22.2	345	21.3	336	20.8	328	20.3	322	19.9
1982	1585	402	25.4	370	23.3	360	22.7	348	22.0	342	21.6	332	20.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1982

LOCATION U.S. 20 & 191, 0.5 miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 25.7 % Foreign Pass Cars 24.5 % Pickups 27.7 % Commercial 22.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	532	424	495	508	516	586	600	528	510	103.53	33.32
February	806	658	576	616	673	788	877	713	662	107.70	44.99
March	803	674	656	678	722	793	868	735	700	105.00	46.38
April	862	764	752	758	776	856	889	809	784	103.19	51.05
May	1494	1297	1116	1140	1157	1389	1512	1314	1223	107.44	82.91
June	2756	2698	2525	2614	2479	2676	2877	2655	2596	102.27	167.53
July	3955	3791	3719	3807	3750	4127	4267	3929	3848	102.10	247.93
August	3724	3424	3372	3665	3773	3955	4083	3694	3616	102.16	233.10
September	2428	2231	1782	1872	1837	2386	2701	2155	2007	107.37	135.98
October	1143	1174	1158	1088	1104	1283	1245	1176	1167	100.77	74.21
November	713	652	715	789	635	758	698	707	707	100.00	44.61
December	548	599	621	614	636	651	522	602	625	96.32	37.99
Daily average for year	1647	1532	1457	1512	1505	1687	1762	1585	1537	103.12	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1982

LOCATION U.S. 191, 7.7 miles North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 25.7 % Foreign Pass Cars 24.5 % Pickups 27.7 % Commercial 22.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	698	594	618	669	665	719	740	676	656	103.05	44.01
February	939	772	739	762	792	947	917	838	802	104.49	54.56
March	860	784	767	817	824	877	923	831	810	102.59	54.10
April	818	782	812	836	838	879	856	833	832	100.12	54.23
May	1360	1226	1218	1252	1252	1419	1379	1303	1271	102.52	84.83
June	2555	2329	2228	2337	2179	2433	2525	2364	2299	102.83	153.91
July	3380	3466	3306	3354	3286	3484	3343	3374	3380	99.82	219.66
August	3299	3002	2995	3229	3201	3371	3343	3195	3145	101.59	208.01
September	2255	2138	1829	1944	1913	2291	2379	2095	2014	104.02	136.39
October	1207	1202	1172	1196	1177	1336	1318	1235	1222	101.06	80.40
November	940	850	878	982	829	939	934	905	893	101.34	58.92
December	717	818	821	828	805	809	656	783	816	95.96	50.98
Daily average for year	1586	1497	1449	1517	1480	1625	1609	1536	1512	101.59	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19
Functional Class Principal Arterial

Route U.S. 191, North of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980	1403	360	25.7	286	20.4	273	19.5	258	18.4	251	17.9	247	17.6
1981	1481	383	25.9	303	20.5	288	19.4	284	19.2	279	18.8	277	18.7
1982	1536	421	27.4	339	22.1	309	20.1	299	19.5	289	18.8	283	18.4

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20
Functional Class ~~Minor Arterial~~

Route U.S. 89, North of Gardiner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980	812	194	23.9	159	19.6	153	18.8	151	18.6	148	18.2	145	17.9
1981	932	198	21.2	178	19.1	173	18.6	169	18.1	167	17.9	166	17.8
1982	933	207	22.2	180	19.3	173	18.5	169	18.1	165	17.7	163	17.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1982

LOCATION U.S. 89, 17.0 miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.9 % Foreign Pass Cars 9.0 % Pickups 37.5 % Commercial 8.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	465	425	340	313	324	380	544	405	357	113.45	43.40
February	770	464	343	386	441	574	759	534	441	121.09	57.23
March	517	418	422	381	416	476	580	453	420	107.86	48.54
April	552	489	512	460	487	611	673	541	515	105.05	57.97
May	902	820	727	771	767	928	947	842	803	104.86	90.23
June	1611	1483	1334	1426	1373	1522	1511	1460	1423	102.60	156.46
July	1888	1964	1888	1890	1881	1983	1915	1917	1922	99.74	205.43
August	1938	1854	1810	1838	1853	1925	1872	1870	1854	100.86	200.39
September	1457	1260	1117	1149	1170	1447	1473	1287	1222	105.32	137.92
October	833	708	640	678	703	858	899	770	724	106.35	82.51
November	708	563	551	617	626	790	797	657	623	105.46	70.41
December	462	454	417	409	468	509	515	462	453	101.99	49.51
Daily average for year	1009	908	842	860	876	1000	1040	933	896	104.13	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1982

LOCATION Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	10461	16773	16652	17081	17732	15943	14936	15472	16793	92.13	82.63
February	12715	16902	17112	17571	18423	19794	16924	17063	17960	95.01	91.12
March	12844	17920	17985	18432	18540	20401	18194	17794	18585	95.74	95.03
April	12939	18721	18830	18847	19780	21973	18528	18674	19744	94.58	99.73
May	14323	18120	19108	19393	20347	22513	19268	18839	19812	95.09	100.61
June	13759	20745	20745	20616	21347	22755	18248	19807	21191	93.47	105.78
July	13949	20515	22429	22700	23334	24493	18579	20981	22805	92.00	112.05
August	14520	21995	21785	21978	22833	24122	18618	20700	22483	92.07	110.55
September	13467	18366	20514	21279	21627	23661	18488	19750	21123	93.50	105.47
October	13433	19095	19741	19977	20841	22843	18917	19180	20611	93.06	102.43
November	12503	19051	19082	19987	16224	21186	17597	18022	19102	94.35	96.25
December	12765	18811	19409	19570	20335	20565	16153	18416	19793	93.04	98.35
Daily average for year	13140	18918	19449	19786	20113	21687	17869	18725	20000	93.63	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21
Functional Class Principal Arterial

Route U.S. 12, Montana Ave. - Helena
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980	17796	2329	13.1	2057	11.6	1979	11.1	1929	10.8	1902	10.7	1876	10.5
1981	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4	1876	10.3	1876	10.3
1982	18725	2192	11.7	2029	10.8	1985	10.6	1971	10.5	1952	10.4	1940	10.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23
Functional Class Major Collector

Route FAS 241, North of Harlem
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980	332	58	17.5	48	14.5	45	13.6	43	13.0	43	12.9	42	12.7
1981	340	64	18.8	48	14.1	45	13.2	45	13.2	43	12.6	42	12.4
1982	320	57	17.8	46	14.4	44	13.8	43	13.4	42	13.1	41	12.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1982

LOCATION FAS 241, 2.5 miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 18.7 % Foreign Pass Cars 5.0 % Pickups 47.1 % Commercial 29.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	128	230	240	227	243	198	193	205	226	90.71	63.99
February	196	233	258	248	297	292	233	251	265	94.72	78.35
March	253	287	289	287	304	325	347	298	297	100.34	93.03
April	287	365	365	351	344	384	333	348	362	96.13	108.64
May	289	319	331	334	352	335	334	327	333	98.20	102.08
June	301	351	358	355	374	406	364	358	368	97.28	111.76
July	312	350	345	357	359	361	359	350	355	98.59	109.26
August	323	378	370	373	377	427	377	373	384	97.14	116.44
September	312	357	352	328	348	433	394	359	361	99.45	112.07
October	293	370	343	353	392	378	343	352	368	95.65	109.89
November	259	347	359	349	332	356	331	335	349	95.99	104.58
December	208	299	300	303	306	317	268	288	306	94.12	89.91
Daily average for year	263	324	326	322	336	351	323	320	331	96.68	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1982

LOCATION U.S. 2, 1.3 miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.1 % Foreign Pass Cars 0.6 % Pickups 37.9 % Commercial 11.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1804	2816	2918	3045	3156	2893	2334	2694	2962	90.95	67.83
February	2322	3144	3072	3113	3206	3262	2712	2982	3168	94.13	75.08
March	2670	3180	3225	3302	3296	3455	3189	3193	3284	97.23	80.39
April	2703	3475	3531	3688	3620	3924	3318	3486	3659	95.27	87.77
May	3659	4105	4030	3981	4129	4480	4091	4057	4143	97.92	102.14
June	3931	4673	4640	4692	4643	5001	4437	4580	4724	96.95	115.31
July	4201	4955	4969	4999	5018	5567	4755	4942	5119	96.54	124.43
August	4417	5325	5147	5288	5321	5604	4799	5113	5328	95.96	128.73
September	3950	4607	4713	4823	4939	5339	4697	4734	4884	96.93	119.19
October	3788	4471	4473	4576	4665	4934	4341	4453	4638	96.01	112.11
November	3406	4077	4110	4282	3766	4267	3701	3954	4100	96.44	99.55
December	2628	3391	3488	3689	3871	3899	3095	3474	3688	94.20	87.47
Daily average for year	3290	4018	4026	4123	4136	4385	3789	3972	4141	95.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24
Functional Class Principal Arterial

Route U.S. 2, West of Kalispell
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973	Counter removed for repairs												
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980	3655	505	13.9	450	12.3	433	11.8	427	11.7	422	11.5	414	11.3
1981	3843	494	12.9	462	12.0	451	11.7	446	11.6	442	11.5	432	11.2
1982	3972	575	14.5	488	12.3	475	12.0	466	11.7	456	11.5	450	11.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25
Functional Class Principal Arterial

Route I-94, East of Wibaux
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972	Counter out due to construction												
1973	"	" "	" "										
1974	"	" "	" "										
1975	Counter out due to construction												
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980	2093	304	14.5	254	12.1	244	11.7	236	11.3	232	11.1	226	10.8
1981	2521	414	16.4	326	12.9	296	11.7	282	11.2	276	10.9	271	10.7
1982	2236	349	15.6	275	12.3	265	11.9	259	11.6	255	11.4	253	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1982

LOCATION I-94, 6.8 miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.2 % Foreign Pass Cars 27.3 % Pickups 25.9 % Commercial 23.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1452	1798	1645	1616	1690	1537	1603	1611	1651	97.58	72.06
February	1860	1515	1350	1414	1565	1764	1729	1600	1522	105.12	71.57
March	2068	1835	1727	1828	1915	1833	1905	1865	1823	102.30	83.42
April	1791	1865	1992	2020	2044	2091	1930	1969	2008	98.06	88.07
May	2262	2271	2142	2226	2298	2599	2215	2284	2305	99.09	102.16
June	3251	3073	2836	2927	3005	3224	3204	3061	3001	102.00	136.92
July	3246	3261	3106	3196	3306	3566	3414	3312	3301	100.33	148.14
August	3392	2890	2904	3001	3068	3295	3343	3121	3020	103.34	139.60
September	2507	2398	2268	2340	2419	2765	2575	2462	2433	101.19	110.12
October	2060	1912	1899	1975	2127	2314	2203	2082	2058	101.17	93.13
November	1902	1717	1692	1962	1719	1898	1927	1822	1789	101.84	81.50
December	1654	1619	1547	1652	1739	1646	1588	1639	1646	99.57	73.31
Daily average for year	2287	2180	2092	2180	2241	2378	2303	2236	2213	101.04	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1982

LOCATION U.S. 191, 1.5 miles South of Fred Robinson Bridge (Moebridge)

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.2 % Foreign Pass Cars 7.0 % Pickups 33.9 % Commercial 14.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	183	188	183	173	184	176	157	177	180	98.33	46.17
February	274	234	207	222	249	336	237	251	249	100.80	65.48
March	364	282	276	266	298	330	237	291	288	101.04	75.91
April	412	404	351	336	383	493	319	389	397	97.98	101.48
May	483	442	372	375	442	590	374	439	444	98.87	114.52
June	587	451	441	451	452	619	486	495	479	103.34	129.13
July	481	545	447	470	477	584	425	490	507	96.65	127.83
August	580	490	409	468	487	603	457	498	487	102.26	129.91
September	468	480	397	388	416	575	463	452	447	101.12	117.91
October	511	446	361	405	453	538	435	454	445	102.02	118.44
November	475	344	352	440	345	411	350	385	376	102.39	100.44
December	308	280	271	245	297	315	236	279	282	98.94	72.78
Daily average for year	427	382	339	353	374	464	348	383	382	100.26	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27
Functional Class Minor Arterial

Route U.S. 191, Moebridge
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980	397	91	22.9	78	19.6	70	17.6	66	16.6	63	15.9	61	15.4
1981	413	94	22.8	75	18.2	69	16.7	66	16.0	62	15.0	60	14.5
1982	383	103	26.9	76	19.8	69	18.0	65	17.0	63	16.4	61	15.9

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28
Functional Class Major Collector

Route Vaughn - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980	2178	386	17.7	278	12.8	262	12.0	258	11.8	255	11.7	252	11.6
1981	2270	354	15.6	273	12.0	266	11.7	261	11.5	258	11.4	256	11.3
1982	2205	300	13.6	266	12.1	257	11.7	252	11.4	250	11.3	248	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1982

LOCATION Interstate Frontage Road, 0.7 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1327	1851	1854	1978	1780	1736	1664	1725	1835	94.01	78.24
February	1723	1736	1805	2018	1912	2081	2084	1908	1910	99.90	86.54
March	1792	1978	1992	2124	1979	2068	2018	1997	2029	98.42	90.58
April	1859	2201	2199	2158	2228	2421	2230	2194	2249	97.55	99.52
May	2210	2307	2423	2438	2433	2480	2349	2369	2411	98.26	107.46
June	2186	2411	2469	2542	2491	2654	2412	2456	2513	97.73	111.40
July	2121	2273	2436	2525	2483	2677	2402	2427	2488	97.55	110.08
August	2167	2413	2431	2513	2480	2637	2397	2424	2488	97.43	109.95
September	2006	2226	2312	2524	2424	2706	2359	2372	2442	97.13	107.59
October	2069	2308	2363	2570	2484	2556	2387	2386	2461	96.95	108.23
November	1857	2152	2190	2413	1963	2328	2052	2139	2205	97.01	97.02
December	1837	1970	1940	2196	2086	2228	2072	2059	2095	98.28	93.39
Daily average for year	1930	2152	2201	2333	2229	2381	2202	2205	2261	97.52	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1982

LOCATION Interstate Frontage Road, 6.0 miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1488	2056	1914	2024	1984	1914	1603	1837	1975	93.01	76.59
February	1942	2120	2034	2132	2237	2454	2099	2146	2196	97.72	89.47
March	1960	2300	2272	2289	2298	2306	3131	2228	2292	97.21	92.89
April	1913	2543	2497	2533	2550	2800	2368	2472	2593	95.33	103.07
May	2165	2674	2633	2640	2684	2894	2613	2602	2703	96.26	108.49
June	2356	2733	2696	2702	2668	2966	2671	2685	2748	97.71	111.95
July	2368	2588	2704	2671	2699	2938	2479	2642	2729	96.81	110.16
August	2502	2754	2701	2727	2819	2890	2630	2711	2773	97.76	113.03
September	2237	2501	2534	2635	2616	2900	2509	2566	2636	97.34	106.99
October	2108	2453	2412	2577	2512	2722	2366	2445	2544	96.11	101.94
November	1785	2342	2419	2495	2264	2584	2033	2282	2417	94.41	95.15
December	1784	2198	2216	2288	2237	2370	1959	2165	2267	95.50	90.27
Daily average for year	2051	2439	2419	2476	2464	2645	2288	2398	2489	96.34	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29
Functional Class Major Collector

Route Billings - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979	Machine failure July & August												
1980	2262	401	17.7	274	12.1	265	11.7	256	11.3	252	11.1	244	10.8
1981	2305	287	12.5	271	11.8	260	11.3	257	11.1	255	11.0	252	10.9
1982	2398	303	12.6	279	11.6	274	11.4	270	11.3	266	11.1	264	11.0

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30
Functional Class Principal Arterial

Route I-90, West of Superior
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980	3247	475	14.6	438	13.5	419	12.9	404	12.4	399	12.3	393	12.1
1981	3411	512	15.0	465	13.6	457	13.4	448	13.1	441	12.9	435	12.8
1982	3159	525	16.6	478	15.1	457	14.5	445	14.1	437	13.8	431	13.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30 YEAR 1982

LOCATION I-90, 0.9 miles West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 22.8 % Foreign Pass Cars 25.0 % Pickups 28.0 % Commercial 24.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1510	1475	1561	1684	1707	1571	1477	1564	1598	97.87	49.51
February	1694	1703	1687	1789	1878	2060	1706	1788	1823	98.08	56.61
March	2342	2087	2263	2271	2298	2562	2221	2284	2284	100.00	72.31
April	2538	2660	2654	2650	2787	3142	2662	2743	2795	98.14	86.84
May	3059	3249	3038	3095	3329	3799	3219	3248	3300	98.42	102.83
June	4498	4444	4288	4419	4518	4898	4772	4535	4499	100.80	143.57
July	4721	5022	4931	4971	5245	5848	5305	5180	5235	98.95	163.99
August	5265	4994	4840	5085	5347	5782	5363	5219	5183	100.69	165.23
September	3939	4039	3841	3904	4030	4739	4112	4078	4098	99.51	129.11
October	2884	2917	2918	2888	3026	3518	2891	3015	3075	98.05	95.45
November	2530	2145	2250	2630	2211	2366	2122	2314	2309	100.22	73.26
December	1779	1761	1979	2038	2224	2012	1641	1936	2014	96.13	61.29
Daily average for year	3063	3041	3021	3119	3217	3525	3124	3159	3184	99.21	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1982

LOCATION I-94, 7.8 miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.6 % Foreign Pass Cars 18.3 % Pickups 24.8 % Commercial 21.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1700	1831	1836	1809	1885	1823	1753	1801	1836	98.09	61.02
February	2228	1978	1893	1984	2237	2645	2443	2201	2147	102.52	74.57
March	2643	2283	2177	2341	2518	2480	2368	2383	2341	101.79	80.74
April	2519	2665	2710	2538	2817	3099	2617	2726	2783	97.95	92.36
May	2853	3013	2877	2997	3315	3750	3137	3122	3182	98.11	105.78
June	3784	3793	3559	3665	3763	4255	3902	3803	3789	100.37	128.85
July	3729	4195	3931	3973	4153	4624	4051	4112	4195	98.02	139.32
August	3936	3892	3756	3769	3994	4443	3919	3949	3957	99.80	133.80
September	3189	3304	3145	3194	3352	4033	3515	3382	3393	99.68	114.58
October	2790	2734	2746	2861	2977	3557	2948	2959	3002	98.57	100.25
November	2807	2397	2445	2950	2482	2868	2678	2645	2609	101.38	89.62
December	2347	2234	2154	2354	2426	2440	2333	2335	2333	100.09	79.11
Daily average for year	2877	2860	2769	2870	2993	3335	2972	2952	2964	99.60	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31
Functional Class Principal Arterial

Route I-94, West of Miles City
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973	Counter removed due to construction												
1974	"	"	" "	"									
1975	Counter removed due to construction												
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980	2745	377	13.7	327	11.9	315	11.5	304	11.1	291	10.6	286	10.4
1981	2993	379	12.7	350	11.7	339	11.3	331	11.1	327	10.9	322	10.8
1982	2952	440	14.9	373	12.6	359	12.2	345	11.7	339	11.5	334	11.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32
Functional Class Minor Arterial

Route 25th Street North in Great Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980	3462	414	12.0	380	11.0	374	10.8	366	10.6	362	10.5	358	10.3
1981	3510	410	11.7	386	11.0	373	10.6	367	10.5	363	10.3	361	10.3
1982	3579	1002*	28.0	415	11.6	398	11.1	386	10.8	381	10.6	377	10.5

* Demolition Day - The day the stack came down - 9-18-82 - 11A-12P

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1982

LOCATION On 25th Street North between 4th & 5th Ave. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1987	2961	3123	3109	3193	2918	2348	2795	3060	91.34	78.10
February	2376	3150	3166	3308	3410	3626	3047	3154	3332	94.66	88.14
March	2541	3629	3504	3576	3494	3539	3225	3379	3551	95.16	94.43
April	2583	3808	3882	3654	3903	4107	3495	3658	3883	94.21	102.22
May	2902	3773	4056	3952	4087	4274	3604	3770	4016	93.87	105.35
June	2913	4055	4209	4294	4230	4453	3724	4001	4249	94.16	111.81
July	2784	3710	4092	4285	4256	4356	3627	3893	4155	93.69	108.79
August	2847	4167	4150	4224	4154	4192	3478	3871	4176	92.70	108.17
September	2750	3620	3884	4068	4081	4456	4186	3878	4027	96.30	108.37
October	2683	3829	3845	3918	3955	4206	3537	3688	3963	93.06	103.06
November	2397	3743	3714	3899	3121	3797	3113	3420	3662	93.39	95.57
December	2565	3540	3487	3688	3643	3860	3041	3435	3655	93.98	95.99
Daily average for year	2611	3665	3759	3831	3794	3982	3369	3579	3811	93.91	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33 YEAR 1982

LOCATION On 10th Ave. South between 9th & 10th St. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	17376	24536	24883	25480	25983	25105	23349	23635	25193	93.82	82.12
February	19733	24867	25438	26638	27089	30100	26743	25801	26826	96.18	89.66
March	22319	27784	27595	28036	27746	30198	29829	27659	28211	98.04	96.10
April	21930	29496	29301	27625	30434	33636	29570	29068	30274	96.02	100.99
May	23770	29336	29836	29821	31000	33496	29961	29418	30633	96.03	102.21
June	24436	32507	32202	32172	32702	35647	30916	31557	32968	95.72	109.64
July	34097	30173	32602	32823	33881	35881	30313	31457	33236	94.65	109.30
August	25352	33124	32001	32473	33586	35859	30683	31703	33332	95.11	110.15
September	22714	28261	30554	31347	31867	34954	29762	30035	31416	95.60	104.35
October	22730	29409	29139	29905	30794	34062	30172	29413	30824	95.42	102.19
November	21615	29037	28575	30038	24371	32342	27655	27738	28867	96.09	96.38
December	22068	28452	28109	29458	28585	30703	26597	27891	29129	95.75	96.91
Daily average for year	22262	28915	29186	29651	29837	32665	28796	28781	30076	95.69	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33
Functional Class Principal Arterial

Route 10th Avenue South in Great Falls
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980	28007	3080	11.0	2651	9.5	2614	9.3	2572	9.2	2564	9.2	2552	9.1
1981	28434	2731	9.6	2657	9.3	2628	9.2	2600	9.1	2586	9.1	2536	9.0
1982	28781	2786	9.7	2718	9.4	2677	9.3	2658	9.2	2637	9.1	2625	9.1

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34
Functional Class Minor Arterial

Route U.S. 12, West of Ingomar
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980	235	59	25.1	40	17.0	38	16.2	36	15.3	34	14.5	33	14.0
1981	255	59	23.1	47	18.4	45	17.6	43	16.9	41	16.1	39	15.3
1982	245	67	27.3	55	22.4	50	20.4	47	19.2	45	18.4	44	18.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1982

LOCATION U.S. 12, 0.6 miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 20.0 % Foreign Pass Cars 5.1 % Pickups 50.7 % Commercial 24.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	172	167	151	155	165	160	130	157	159	98.74	64.10
February	179	170	152	153	183	201	121	165	172	95.93	67.37
March	199	211	187	193	203	233	147	196	204	96.08	80.03
April	228	207	187	195	188	268	175	208	211	98.58	84.93
May	328	283	254	266	273	364	238	286	288	99.31	116.77
June	370	281	242	250	261	367	252	286	277	103.25	116.77
July	331	384	320	280	291	404	264	324	337	96.14	132.29
August	373	279	246	269	256	333	268	290	275	105.45	118.41
September	317	310	251	258	268	413	276	297	297	100.00	121.26
October	295	238	216	222	268	295	242	256	250	102.40	104.53
November	314	225	234	272	240	254	216	249	244	102.05	101.67
December	236	236	230	241	243	223	160	225	235	95.74	91.87
Daily average for year	279	249	223	230	237	293	207	245	246	99.59	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35
LOCATION I-90 Frontage Road, 11.0 miles East of Missoula

YEAR 1982

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.0 % Foreign Pass Cars 1.3 % Pickups 34.3 % Commercial 10.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	299	449	450	451	431	453	378	414	447	92.62	66.14
February	399	469	464	485	518	528	490	479	493	97.16	76.53
March	479	588	581	581	614	688	599	589	607	97.03	94.10
April	550	642	622	643	624	697	641	633	647	97.84	101.13
May	636	715	825	781	795	835	722	753	788	95.56	120.30
June	580	703	710	694	727	732	690	692	712	97.19	110.56
July	570	731	810	827	811	877	687	762	814	93.61	121.74
August	601	740	765	807	794	778	648	730	775	94.19	116.63
September	560	662	704	714	738	790	671	693	722	95.98	110.72
October	554	672	674	681	718	786	676	679	710	95.63	108.48
November	448	575	605	614	560	665	533	573	602	95.18	91.55
December	424	515	510	526	547	559	499	514	533	96.44	82.12
Daily average for year	508	622	643	650	656	699	603	626	654	95.72	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35

Functional Class Major Collector

Route FAS 210, Turah

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973	Machine failure												
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980	606	83	13.7	76	12.5	72	11.9	70	11.6	68	11.2	67	11.1
1981	626	90	14.4	73	11.7	71	11.3	69	11.0	68	10.9	66	10.5
1982	626	136	21.7	100	16.0	87	13.9	80	12.8	76	12.1	74	11.8

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36
Functional Class Principal Arterial

Route U.S. 2, West of Browning
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980	1432	455	31.8	264	18.4	246	17.2	233	16.3	224	15.6	217	15.2
1981	1504	287	19.1	256	17.0	244	16.2	241	16.0	231	15.4	226	15.0
1982	1480	362	24.5	275	18.6	262	17.7	247	16.7	242	16.4	238	16.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1982

LOCATION U.S. 2, 0.5 miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.5 % Foreign Pass Cars 11.2 % Pickups 39.0 % Commercial 7.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	652	631	626	618	654	723	626	649	654	99.24	43.87
February	798	657	640	705	762	934	801	757	739	102.44	51.17
March	1209	810	873	854	931	1025	961	942	892	105.61	63.67
April	1178	1129	1034	1039	1133	1453	1122	1165	1170	99.57	78.74
May	1675	1684	1345	1369	1435	1899	1603	1581	1553	101.80	106.86
June	2255	2025	1940	1907	1930	2311	2029	2048	2014	101.69	138.43
July	2863	2733	2326	2354	2500	3009	2709	2651	2600	101.96	179.18
August	2792	2322	2085	2245	2308	2770	2367	2411	2333	103.34	162.96
September	1992	1974	1626	1750	1839	2347	2064	1932	1897	101.85	130.58
October	1446	1407	1388	1394	1522	1729	1627	1511	1499	100.80	102.13
November	1057	1115	1082	1314	1084	1272	977	1127	1166	86.69	76.17
December	973	939	939	963	1045	1101	854	980	1003	97.71	66.24
Daily average for year	1574	1452	1325	1376	1429	1714	1478	1480	1460	101.37	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1982

LOCATION South of Orange Street Bridge in Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	7844	15199	14566	14464	14805	13432	10023	12665	14442	87.70	81.05
February	8962	14925	14801	14464	14916	16420	11678	13738	15105	90.95	87.92
March	9602	16780	16489	16111	16062	17792	12768	15219	16622	91.56	97.39
April	9788	16427	16342	15858	16827	18337	12930	15373	16833	91.33	98.38
May	10602	16153	17253	17199	17802	19662	13930	15841	17544	90.29	101.37
June	10837	18728	18296	17032	18410	20017	13999	16820	18421	91.31	107.64
July	10199	16665	18297	18174	18858	20037	13179	16571	18501	89.57	106.04
August	11153	19208	18740	18504	18900	20077	14147	17162	19076	89.97	109.83
September	10169	17003	19054	20035	20295	22888	13701	17764	19883	89.34	113.68
October	10329	17353	17218	17089	17775	20239	14395	16211	18044	89.84	103.74
November	9526	17531	16711	17082	14298	17792	12460	15195	16723	90.86	97.24
December	9273	16078	15848	16424	16869	17133	11694	14958	16515	90.57	95.72
Daily average for year	9857	16837	16968	16870	17151	18652	12909	15626	17309	90.28	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37
Functional Class Principal Arterial

Route Orange Street Bridge, Missoula
Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980	16227	1795	11.1	1756	10.8	1701	10.5	1679	10.3	1666	10.3	1652	10.2
1981	15789	1814	11.5	1723	10.9	1700	10.8	1685	10.7	1663	10.5	1639	10.4
1982	15626	2145	13.7	1951	12.5	1860	11.9	1823	11.7	1797	11.5	1766	11.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38
Functional Class Principal Arterial

Route Montana 200, West of Jordan
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980	351	77	21.9	58	16.5	55	15.7	53	15.1	52	14.8	51	14.5
1981	376	80	21.3	63	16.8	59	15.7	57	15.2	55	14.6	53	14.1
1982	327	66	20.2	56	17.1	53	16.2	52	15.9	51	15.6	50	15.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1982
LOCATION Montana 200, 1.0 mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.1 % Foreign Pass Cars 5.1 % Pickups 42.5 % Commercial 18.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	133	131	166	151	175	128	117	141	149	94.63	43.15
February	197	157	154	171	206	230	162	182	183	99.45	55.70
March	285	217	187	210	209	226	186	216	209	103.35	66.10
April	252	294	293	260	301	311	238	280	293	95.56	85.69
May	303	333	291	289	305	375	271	309	319	96.87	94.57
June	472	429	372	394	400	471	399	417	410	101.71	127.62
July	459	525	497	462	543	564	444	501	521	96.16	153.33
August	506	518	452	466	524	583	505	506	506	100.00	154.86
September	374	392	358	383	402	486	388	397	403	98.51	121.50
October	341	335	328	347	386	404	333	354	362	97.79	108.34
November	385	363	333	422	341	374	324	362	365	99.18	110.79
December	254	260	236	263	282	266	219	256	262	97.71	78.35
Daily average for year	330	330	306	318	340	368	299	327	332	98.49	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1982

LOCATION U.S. 89, 0.5 miles North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.5 % Foreign Pass Cars 29.1 % Pickups 34.5 % Commercial 12.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	171	195	178	174	198	196	186	185	189	97.88	35.79
February	225	206	194	206	208	244	248	218	211	103.32	42.18
March	288	227	221	217	250	269	295	250	235	106.38	48.37
April	362	413	408	404	361	451	385	398	407	97.79	77.01
May	484	499	464	451	439	494	513	479	470	101.91	92.68
June	864	745	711	692	679	796	775	748	723	103.46	144.73
July	1166	1163	1037	1025	1144	1071	1011	1087	1090	99.72	210.32
August	1034	974	965	1007	1001	1053	981	1001	997	100.40	193.68
September	726	699	612	642	645	790	813	700	674	103.86	135.44
October	482	439	433	424	453	530	560	479	459	104.36	92.68
November	381	351	338	360	313	426	389	364	356	102.25	70.43
December	267	272	261	316	302	332	287	293	299	97.99	56.69
Daily average for year	538	515	485	493	499	554	537	517	509	101.57	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39
Functional Class Minor Arterial

Route U.S. 89, North of Dupuyer
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980	501	124	24.8	118	23.6	111	22.2	106	21.2	104	20.8	102	20.4
1981	527	130	24.7	116	22.0	108	20.5	106	20.1	103	19.5	101	19.2
1982	517	220	42.6	132	25.5	112	21.7	106	20.5	105	20.3	103	19.9

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40
Functional Class Major Collector

Route Wolf Creek Frontage Road
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.3
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	23.7
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	20.8
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	21.0
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	21.8
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	21.9
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	19.4
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	21.3
1979	Machine failure in September												
1980	171	70	40.9	59	34.5	56	32.7	51	29.8	47	27.5	45	20.1
1981	188	85	45.2	63	33.5	57	30.3	55	29.3	51	27.1	50	19.2
1982	190	85	44.7	67	35.3	64	33.7	61	32.1	58	30.5	55	28.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1982

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	65	34	34	44	41	40	47	44	39	112.82	23.16
February	158	58	44	53	53	60	121	78	54	144.44	41.05
March	133	63	59	56	62	68	121	78	61	127.87	41.05
April	208	99	112	102	105	136	215	138	112	123.21	72.63
May	311	216	143	152	150	205	291	216	175	125.14	113.68
June	510	236	226	235	242	321	486	316	250	126.40	166.32
July	701	390	325	341	346	393	582	440	360	122.22	231.58
August	581	274	354	391	369	399	484	407	354	114.97	214.21
September	419	248	161	175	191	251	345	251	203	123.65	132.10
October	245	123	130	148	136	158	244	174	140	124.29	91.58
November	141	76	71	85	76	100	134	96	81	118.52	50.53
December	63	39	36	36	35	41	48	42	37	113.51	22.11
Daily average for year	295	155	141	152	151	181	260	190	156	121.79	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41 YEAR 1982

LOCATION I-90, East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 33.9 % Foreign Pass Cars 18.4 % Pickups 21.7 % Commercial 26.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2996	2615	2384	2477	2604	2820	2791	2689	2591	103.78	60.54
February	3630	2877	2576	2841	3213	3850	3564	3221	3071	104.88	72.51
March	4739	3154	2995	3204	3293	3984	3848	3556	3299	107.79	80.06
April	4296	3560	3571	3457	3770	4761	3859	3921	3864	101.48	88.27
May	4844	4462	3973	4137	4444	5664	4614	4596	4532	101.41	103.47
June	6580	5554	5401	5552	5651	6764	6240	5931	5756	103.04	133.52
July	6422	6462	5406	5966	6008	7216	6359	6288	6248	100.64	141.56
August	6810	5801	5643	5963	6158	7082	6417	6250	6092	102.59	140.71
September	5595	5323	4702	4877	4866	6255	5689	5299	5174	102.42	119.30
October	4862	4130	3936	4141	4285	5533	4868	4590	4458	102.96	103.33
November	4700	3219	3442	4126	3509	4165	3780	3814	3659	104.24	85.86
December	3322	2913	2961	3057	3277	3428	2994	3148	3144	100.13	70.87
Daily average for year	4900	4173	3916	4150	4257	5127	4585	4442	4324	102.73	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41

Functional Class Principal Arterial

Route I-90, East of Livingston

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980	4054	592	14.6	552	13.6	514	12.7	492	12.1	480	11.8	472	11.6
1981	4490	689	15.3	589	13.1	559	12.4	547	12.2	530	11.8	525	11.7
1982	4442	716	16.1	614	13.8	589	13.3	574	12.9	566	12.7	549	12.4

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42
Functional Class Minor Arterial

Route 26th Street North in Great Fall
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980	Out of service in January												
1981	2852	392	13.7	325	11.4	315	11.0	310	10.9	306	10.7	304	10.6
1982	2860	872*	30.5	338	11.8	329	11.5	322	11.3	318	11.1	315	11.0

* Demolition Day - The day the stack came down - 9-18-82 - 9A-10A

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42 YEAR 1982

LOCATION On 26th Street North between 4th & 5th Ave. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1724	2530	2509	2661	2739	2516	2207	2387	2587	92.27	83.46
February	1937	2596	2641	2722	2824	2969	2494	2598	2751	94.44	90.83
March	1964	2739	2508	2588	2609	2673	2419	2511	2622	95.77	87.79
April	2134	2952	2913	2772	3001	3139	2928	2850	2966	96.09	99.64
May	2417	3025	3162	3132	3164	3427	3022	3028	3174	95.40	105.87
June	2422	3266	3415	3416	3407	3588	3103	3243	3418	94.88	113.38
July	2311	2960	3287	3385	3387	3415	2992	3121	3297	94.66	109.12
August	2328	3241	3211	3205	3303	3372	2910	3066	3263	93.96	107.20
September	2198	2894	2994	3193	3118	3416	3458	3046	3126	97.44	106.50
October	2228	3063	3046	3111	3179	3341	2897	2965	3157	93.92	103.67
November	2037	2935	2874	2973	2484	3103	2659	2735	2876	95.10	95.62
December	1941	2846	2882	2915	3007	3156	2470	2772	2970	93.33	96.92
Daily average for year	2138	2921	2954	3006	3019	3176	2797	2860	3017	94.80	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43
LOCATION U.S. 191, Big Sky

YEAR 1982

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.2 % Foreign Pass Cars 21.9 % Pickups 27.8% Commercial 16.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1293	858	778	875	1032	1120	1350	1052	943	111.56	70.52
February	1720	1156	943	1030	1130	1420	1583	1283	1136	112.94	86.00
March	1593	1095	1062	1083	1186	1353	1599	1262	1146	110.12	84.59
April	1208	983	984	958	1006	1168	1438	1105	1026	107.70	74.07
May	1276	1160	1081	1082	1124	1264	1299	1189	1143	104.02	79.70
June	2011	1756	1662	1757	1704	1969	2042	1834	1764	103.97	122.94
July	2499	2469	2298	2315	2268	2533	2447	2405	2379	101.09	161.21
August	2521	2229	2122	2306	2350	2553	2531	2365	2300	102.83	158.53
September	1958	1818	1489	1601	1654	1995	2203	1804	1704	105.87	120.93
October	1387	1261	1202	1241	1261	1420	1400	1319	1284	102.73	88.41
November	1304	985	1028	1172	1009	1279	1339	1149	1086	105.80	77.02
December	1172	1105	1073	1073	1194	1265	1029	1135	1147	98.95	76.08
Daily average for year	1662	1406	1310	1374	1410	1612	1688	1492	1405	106.19	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43
Functional Class Principal Arterial

Route U.S. 191, 35.0 miles south of Bozeman
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980	1320	231	17.5	209	15.8	202	15.3	191	14.5	188	14.2	183	13.9
1981	1483	259	17.5	231	15.6	219	14.8	215	14.5	210	14.2	207	14.0
1982	1492	302	20.2	246	16.5	235	15.8	227	15.2	217	14.5	212	14.2

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44
Functional Class Major Collector

Route Big Mountain Ski Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980	700	694	99.1	528	75.4	449	64.1	385	55.0	359	51.3	326	46.6
1981	673	575	85.4	400	59.4	321	47.7	282	41.9	260	38.6	242	36.0
1982	Out of service 12-1 to 12-15-82												

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44 YEAR 1982

LOCATION Big Mountain

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	Out of service										
February	1959	1121	1243	1319	1523	2222	2633	1717	1486	115.55	
March	1928	1109	1184	1225	1371	1817	2253	1514	1313	115.31	
April	1489	859	775	912	959	1414	2207	1228	1002	122.55	
May	206	135	144	130	137	156	165	155	140	110.71	
June	208	205	203	236	210	203	213	212	212	100.00	
July	499	331	388	342	318	370	443	384	349	110.03	
August	469	346	374	387	366	390	381	388	371	104.58	
September	348	308	282	276	296	286	320	301	289	104.15	
October	220	279	266	272	267	281	245	260	273	95.24	
November	251	251	288	280	252	263	270	265	267	99.25	
December	Out of service		12-1 to 12-15								
Daily average for year											

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45 YEAR 1982

LOCATION Hungry Horse Dam

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	33	30	32	31	29	26	29	30	29	103.45	10.16
February	99	26	37	25	38	37	54	45	32	140.63	15.25
March	163	48	56	57	61	62	104	76	56	135.71	25.75
April	125	58	77	69	59	94	138	88	72	122.22	29.81
May	404	266	162	136	158	187	258	233	186	125.27	78.94
June	699	448	427	469	483	441	552	499	453	110.15	169.06
July	1142	864	777	807	771	830	1024	887	809	109.64	300.51
August	1112	740	712	794	783	773	917	835	757	110.30	282.89
September	673	525	351	382	395	406	543	463	410	112.93	156.86
October	333	227	236	207	203	225	337	257	220	116.82	87.07
November	116	70	81	78	62	77	135	88	74	118.92	29.81
December	58	36	40	41	41	32	43	41	38	107.89	13.89
Daily average for year	413	278	249	258	257	266	345	295	261	113.03	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45
Functional Class Minor Collector

Route Hungry Horse Dam Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980	300	158	52.7	126	42.0	113	37.7	110	36.7	104	34.7	102	34.0
1981	333	167	50.2	132	39.6	121	36.3	112	33.6	110	33.0	106	31.8
1982	295	165	55.9	134	45.4	124	42.0	116	39.3	112	38.0	107	36.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-46
Functional Class Principal Arterial

Route U.S. 2, West of Havre
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1318	233	17.7	197	14.9	178	13.5	173	13.1	169	12.8	164	12.4
1981	1427	236	16.5	201	14.1	189	13.2	182	12.8	176	12.3	173	12.1
1982	1346	252	18.7	194	14.4	187	13.9	183	13.6	179	13.3	176	13.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-46 YEAR 1982

LOCATION U.S. 2, West of Havre, Burnham, M.P. 372.85

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 48.2 % Foreign Pass Cars 1.5 % Pickups 43.8 % Commercial 6.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	607	695	856	792	887	778	687	751	800	93.88	55.81
February	867	817	903	883	1049	1117	952	941	954	98.64	69.93
March	914	1053	1053	1103	1092	1110	998	1048	1080	97.04	77.88
April	1107	1291	1307	1274	1299	1477	1157	1281	1335	95.96	95.20
May	1358	1406	1342	1401	1445	1562	1270	1392	1430	97.34	103.44
June	1923	1806	1698	1753	1705	1918	1828	1799	1771	101.58	133.69
July	2093	1972	2062	2017	2012	2083	1987	2032	2031	100.05	151.00
August	1928	1882	1786	1981	2005	2104	1943	1939	1941	99.90	144.09
September	1411	1446	1442	1433	1476	1702	1504	1486	1496	99.33	110.43
October	1128	1282	1257	1326	1338	1517	1236	1297	1352	95.93	96.38
November	1003	1175	1197	1264	1100	1280	1088	1160	1202	96.51	86.20
December	891	999	973	1067	1125	1102	941	1022	1059	96.51	75.95
Daily average for year	1269	1319	1323	1358	1378	1479	1299	1346	1371	98.18	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-47 YEAR 1982

LOCATION U.S. 93, North of Florence, M.P. 73.7

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.4 % Foreign Pass Cars 3.4 % Pickups 34.0 % Commercial 5.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2315	2968	3046	3219	3393	3064	2765	2943	3134	93.91	67.55
February	3135	3279	3285	3359	3562	3888	3743	3464	3474	99.71	79.51
March	3649	3787	3886	4056	4143	4522	4407	4049	4056	99.83	92.94
April	3824	4218	4148	4206	4430	4793	4441	4315	4382	98.47	99.05
May	4413	4421	4435	4622	4741	5286	4908	4679	4688	99.81	107.40
June	4450	4782	4821	4895	4930	5302	4924	4871	4938	98.64	111.81
July	4736	5055	5143	5172	5309	5738	5251	5223	5305	98.45	119.89
August	4945	5184	5119	5242	5362	5785	5354	5265	5321	98.95	120.85
September	4424	4636	4666	4847	4979	5688	5259	4927	4958	99.37	113.09
October	3991	4324	4411	4479	4699	5202	4795	4568	4651	98.22	104.85
November	3660	4052	4164	4484	4086	4787	4112	4186	4296	97.44	96.09
December	3183	3523	3727	3956	3986	4124	3851	3789	3884	97.55	86.97
Daily average for year	3894	4111	4238	4378	4468	4848	4484	4357	4424	98.49	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47
Functional Class Principal Arterial

Route U.S. 93, South of Florence
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5	460	10.4	455	10.3
1981	4491	558	12.4	489	10.9	481	10.7	471	10.5	464	10.3	458	10.2
1982	4357	516	11.8	474	10.9	468	10.7	460	10.6	453	10.4	447	10.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48
Functional Class ~~Minor Arterial~~

Route U.S. 287, East of Hebgen Dam
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	312	128	41.0	113	36.2	103	33.0	102	32.7	99	31.7	97	31.1
1981	373	155	41.6	134	35.9	125	33.5	121	32.4	117	31.4	116	31.1
1982	373	159	42.6	146	39.1	139	37.3	133	35.7	129	34.6	126	33.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-48 YEAR 1982

LOCATION U.S. 287, near Hebgen Dam, M.P. 6.9

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 15.6 % Foreign Pass Cars 40.1 % Pickups 42.8 % Commercial 1.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	39	29	27	35	27	52	34	35	35	100.00	9.39
February	100	49	41	41	38	65	70	58	47	123.40	15.56
March	55	44	42	38	44	45	63	47	42	111.90	12.61
April	93	46	60	53	43	56	71	60	52	115.38	16.10
May	316	239	191	191	192	227	287	239	209	114.35	64.13
June	801	650	595	683	571	603	736	661	622	106.27	177.37
July	1484	1338	1251	1302	1198	1280	1371	1314	1271	103.38	352.59
August	1291	1078	1095	1177	1147	1145	1206	1162	1125	103.29	311.81
September	711	588	420	483	475	588	711	562	508	110.63	150.81
October	225	143	154	160	153	192	229	183	162	112.96	49.11
November	132	82	79	103	115	129	146	110	100	110.00	29.52
December	46	36	40	37	42	43	42	41	40	102.50	11.00
Daily average for year	441	360	333	359	337	369	414	373	351	106.27	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-49 YEAR 1982

LOCATION Montana 39, North of Colstrip, M.P. 50.7

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.7 % Foreign Pass Cars 1.8 % Pickups 45.7 % Commercial 17.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	847	1267	1080	1072	1080	1066	804	1019	1111	91.72	58.17
February	1009	1677	1550	1529	1546	1897	1348	1508	1640	91.95	86.09
March	988	1638	1567	1554	1590	1844	1309	1507	1632	92.34	86.03
April	1201	1938	2047	1826	1888	2408	1600	1864	2033	91.69	106.41
May	1326	2025	2069	1950	1961	2593	1748	1928	2115	91.16	110.07
June	1413	2197	2081	2057	2175	2674	1734	2049	2222	92.21	116.97
July	1329	2091	2209	2205	2267	2766	1686	2094	2327	89.99	119.54
August	1538	2241	2148	2192	2201	2711	1787	2103	2289	91.87	120.06
September	1176	1820	1845	1843	1984	2547	1683	1847	1999	92.40	105.44
October	1375	1985	1949	1905	1997	2464	1720	1908	2079	91.77	108.93
November	1291	1851	1798	1934	1574	2025	1397	1704	1835	92.86	97.28
December	1135	1567	1378	1493	1664	1641	1464	1489	1555	95.76	85.01
Daily average for year	1219	1858	1810	1797	1827	2220	1523	1752	1903	92.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49
Functional Class Minor Arterial

Route Mont. 39, Just South of I-94
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2	202	17.0	189	15.9
1981	1394	457	32.8	347	24.9	291	20.9	256	18.4	236	16.9	229	16.4
1982	1752	495	28.3	448	25.6	410	23.4	371	21.2	330	18.8	320	18.3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50
Functional Class Principal Arterial

Route Main Street - Billings
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	25085	2468	9.8	2400	9.6	2359	9.4	2333	9.3	2303	9.2	2290	9.1
1982	25471	2635	10.3	2547	10.0	2498	9.8	2469	9.7	2449	9.6	2431	9.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-50 YEAR 1982

LOCATION On Main between Miltron Road & Hamten Lane in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montona Pass Cors_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	16048	24054	23067	23152	23509	23590	21283	21927	23480	93.39	86.09
February	19582	24008	23355	24155	24465	27893	25652	24159	24775	97.51	94.85
March	19765	25132	24823	24972	25568	26715	24805	24582	25381	96.85	96.51
April	19028	26962	26617	25842	27046	30083	27505	26315	27424	95.96	103.32
May	20655	26042	27102	26941	27685	30644	27072	26398	27605	95.63	103.64
June	20929	27849	27449	27841	27431	30329	26566	26962	28131	95.84	105.85
July	20726	25653	27617	27691	27961	30785	26123	26809	28071	95.50	105.25
August	21609	27791	27452	27485	27779	30333	26932	26915	28118	95.72	105.67
September	20700	24889	25825	26377	26623	29551	27119	25911	26639	97.27	101.73
October	20880	25890	26194	26380	27288	30155	27457	26305	27323	96.27	103.28
November	18860	25574	25855	26429	23422	28508	24323	24777	25935	95.53	97.28
December	19253	24903	24789	25318	25783	27371	23511	24587	25701	95.67	96.53
Daily average for year	19837	25729	25845	26049	26213	28830	25696	25471	26549	95.94	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-51 YEAR 1982

LOCATION On Broadwater between 22nd & Gay Place in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Mandoy thru Friday		
January	9009	11598	10930	11379	11824	11625	11736	11122	11478	96.90	83.93
February	10804	12184	11528	12218	12422	14095	14144	12485	12489	99.97	94.21
March	10368	12702	12418	12587	12755	13730	13797	12617	12803	98.55	95.21
April	10068	13431	13542	13202	13925	15807	15124	13671	14062	97.22	103.16
Moy	11087	13855	13877	13795	14437	16088	14780	13916	14384	96.75	105.01
June	11113	14535	14071	14525	14539	16421	14668	14269	14771	96.60	107.67
July	10598	13015	14100	14039	14442	15601	13321	13672	14310	95.54	103.17
August	10664	14108	14016	13901	14227	15691	13571	13661	14359	95.14	103.09
September	10117	11947	12797	13284	13642	14870	13394	12904	13322	96.86	97.37
October	11161	13405	13319	13863	14282	15656	14818	13795	14179	97.29	104.10
November	10307	13385	13523	14106	12040	15244	13538	13183	13641	96.64	99.48
December	11309	13726	13744	13883	14246	14920	13807	13729	14136	97.12	103.60
Daily average for year	10550	13158	13155	13399	13565	14979	13892	13252	13661	97.01	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-51
Functional Class Minor Arterial

Route Broadwater Ave. - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.1	1296	9.9	1280	9.8
1982	13252	1504	11.3	1423	10.7	1397	10.5	1383	10.4	1364	10.3	1352	10.2

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52
Functional Class Major Collector

Route Old Hardin Road - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	5945	645	10.8	621	10.4	612	10.3	603	10.1	599	10.1	593	10.0
1982	6164	784	12.7	697	11.3	677	11.0	669	10.9	665	10.8	659	10.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-52 YEAR 1982

LOCATION On old Hardin Road between Peters & Piccolo in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars____% Foreign Pass Cars____% Pickups____% Commercial____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4419	5393	5263	5321	5357	5404	5125	5164	5350	96.52	83.77
February	5184	5524	5308	5545	5662	6189	6044	5636	5645	99.84	91.43
March	5230	5858	5761	5761	5825	6070	5943	5780	5847	98.85	93.76
April	5167	6140	6142	6048	6188	6878	6617	6193	6302	98.27	100.46
May	5500	6553	6630	6431	6481	7224	6817	6497	6658	97.58	105.40
June	5565	6844	6652	6752	6850	7266	7113	6719	6857	97.99	109.00
July	5466	6673	6993	6960	7112	7406	6539	6763	7050	95.93	109.71
August	5669	6821	6935	6718	6837	7384	6616	6689	6934	96.47	108.51
September	5499	6161	6616	6656	6663	7177	6764	6515	6655	97.90	105.69
October	5603	6334	6370	6424	6546	7002	6792	6441	6557	98.23	104.49
November	4805	6028	6025	6266	5665	6449	5774	5870	6081	96.53	95.22
December	4850	5689	5671	5753	5910	6197	5691	5706	5858	97.41	92.56
Daily average for year	5246	6168	5672	6220	6258	6721	6320	6164	6316	97.59	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-53 YEAR 1982

LOCATION U.S. 12, East of Miles City, M.P. 10.0

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.4 % Foreign Pass Cars 11.3 % Pickups 32.2 % Commercial 17.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	274	393	388	383	360	320	256	334	366	91.26	62.46
February	366	360	366	368	399	503	420	397	399	99.50	74.24
March	362	440	416	405	411	397	354	400	415	96.39	74.80
April	436	470	482	490	509	544	459	487	501	97.21	91.07
May	500	560	582	546	493	633	529	547	563	97.16	102.29
June	673	703	636	670	654	745	662	676	679	99.56	126.42
July	618	679	695	644	662	771	654	677	693	97.69	126.60
August	668	687	672	652	717	731	662	683	691	98.84	127.72
September	622	588	609	594	621	741	599	624	628	99.36	116.69
October	593	552	541	546	600	667	599	589	585	100.68	110.15
November	601	521	552	588	553	631	561	570	566	100.71	106.59
December	400	463	427	468	439	429	400	433	445	97.30	80.87
Daily average for year	509	535	531	530	535	593	513	535	544	98.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53
Functional Class Principal Arterial

Route U.S. 12, East of Miles City
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	583	123	21.1	76	13.0	70	12.0	64	11.0	61	10.5	60	10.3
1982	535	86	16.1	75	14.0	71	13.3	69	12.9	67	12.5	66	12.3